



NATIONAL PERSPECTIVE ON ACCELERATED BRIDGE CONSTRUCTION I-84 PROJECT SHOWCASE



ACCELERATED BRIDGE CONSTRUCTION



PBES

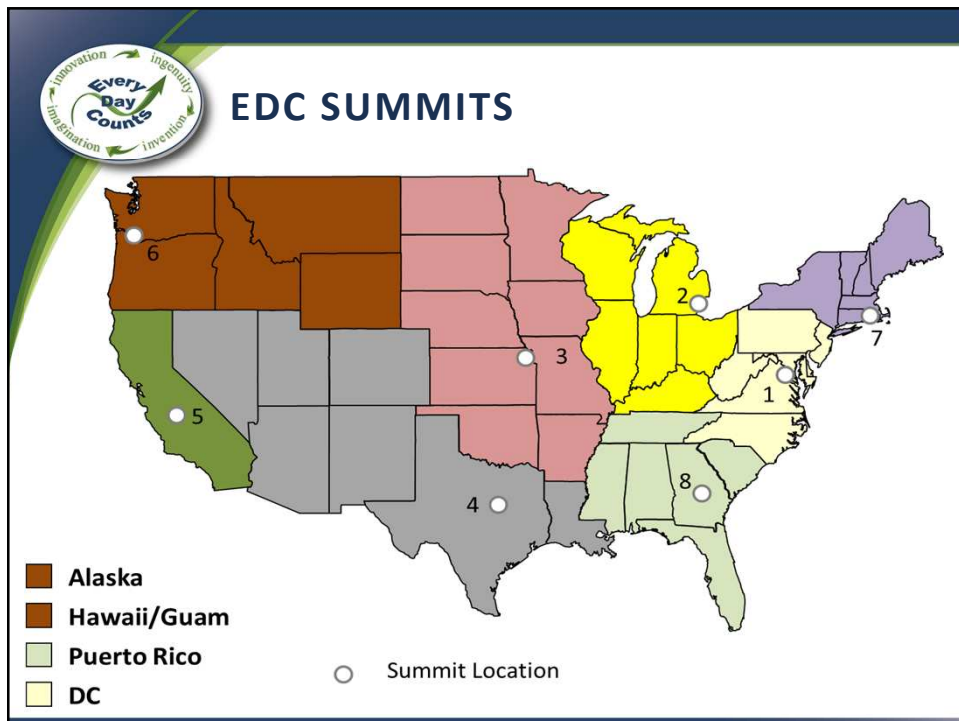
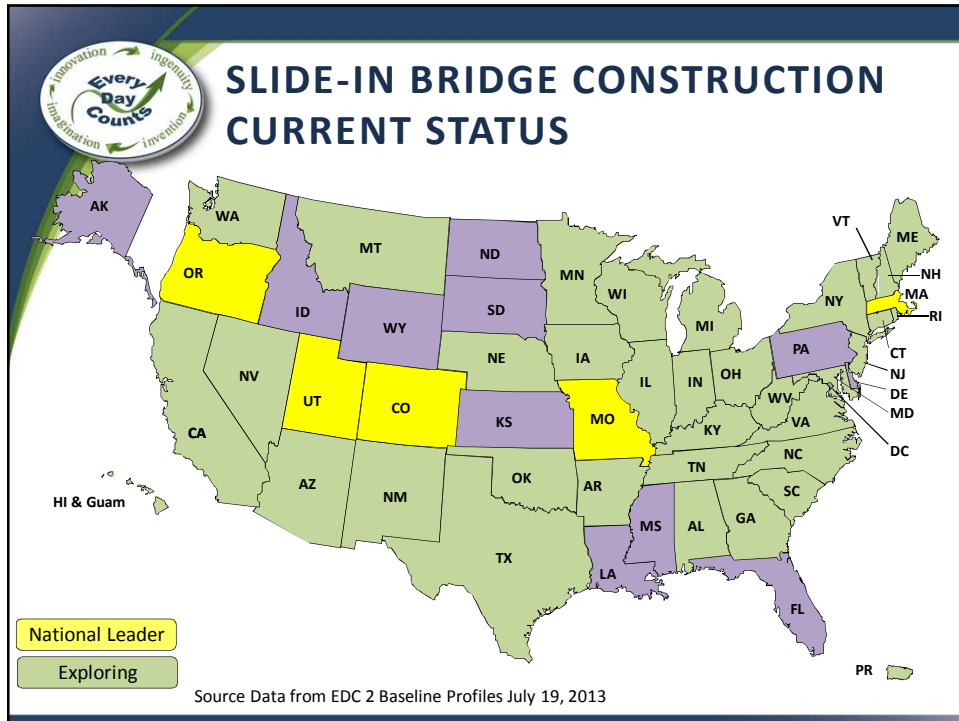


GRS-IBS



Slide-In Bridge Construction

Images Courtesy of MassDOT (PBES) , FHWA (GRS-IBS) and Nevada DOT (SIBC)





IMPLEMENTATION PLANS

- Based on Summit Input & State Plans
- ABC Panel
 - State, Local, Contractor, Consultant Representatives



- Activities to Increase Use of ABC
- Ensure Activities Meet Needs

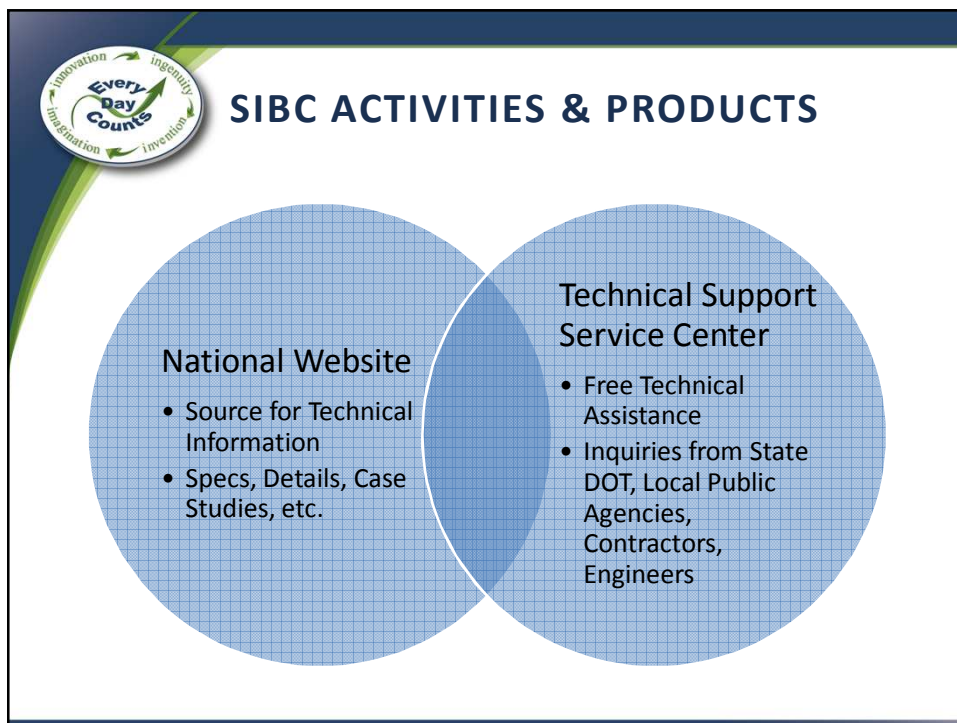
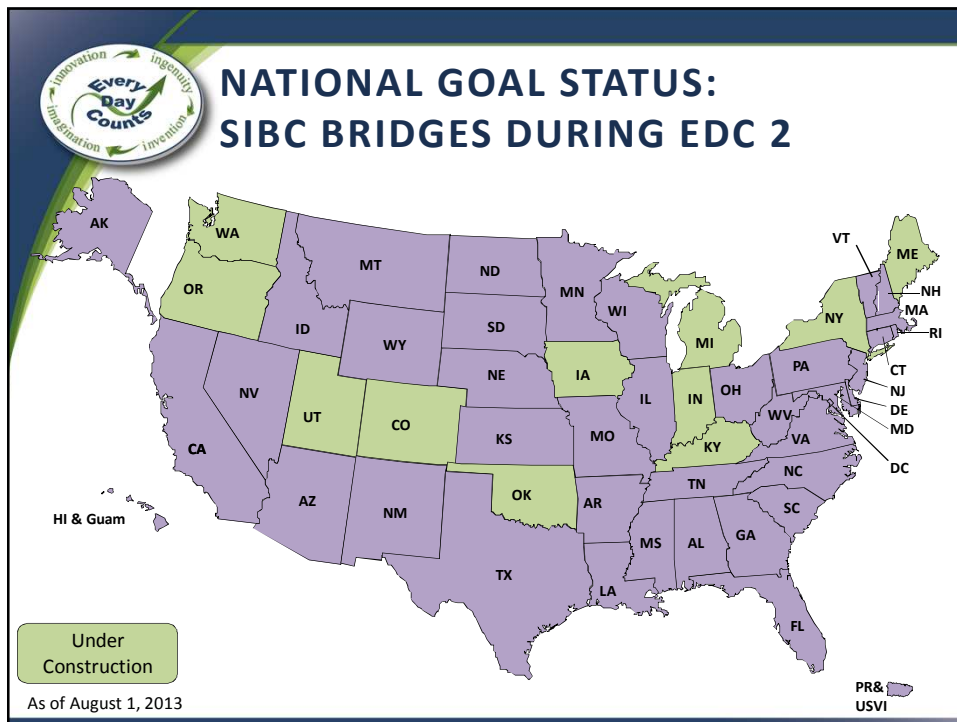


SIBC GOALS

By December 31, 2014

Start Construction on 20 Bridges Nationwide
using SIBC

Start Construction on 1 SIBC Project by at least
10 Distinct Transportation Facility Owners





SIBC ACTIVITIES & PRODUCTS

Tech Briefs

- Overview of SIBC Technology
- Case Studies Demonstrating Benefits

Webinars

- Engineering of SIBC Projects
- Construction of SIBC Projects
- Owner/Policy Issues



SIBC ACTIVITIES & PRODUCTS

Web Training

- Engineering of SIBC Projects
- Construction of SIBC Projects
- Owner/Policy Issues



Brown Bag Presentations

- Owners, Contractors & Engineers
- Presentation & Speaker Notes



SIBC ACTIVITIES & PRODUCTS

Implementation Guide

- Site Selection
- Construction Equipment and Techniques
- Sample Calculations, Details & Specifications



Workshops

- Half Day Workshop At Industry Conferences
- Call for Delivery



UPCOMING SHOWCASES

New York:

I-84 Over Dingle Ridge Road

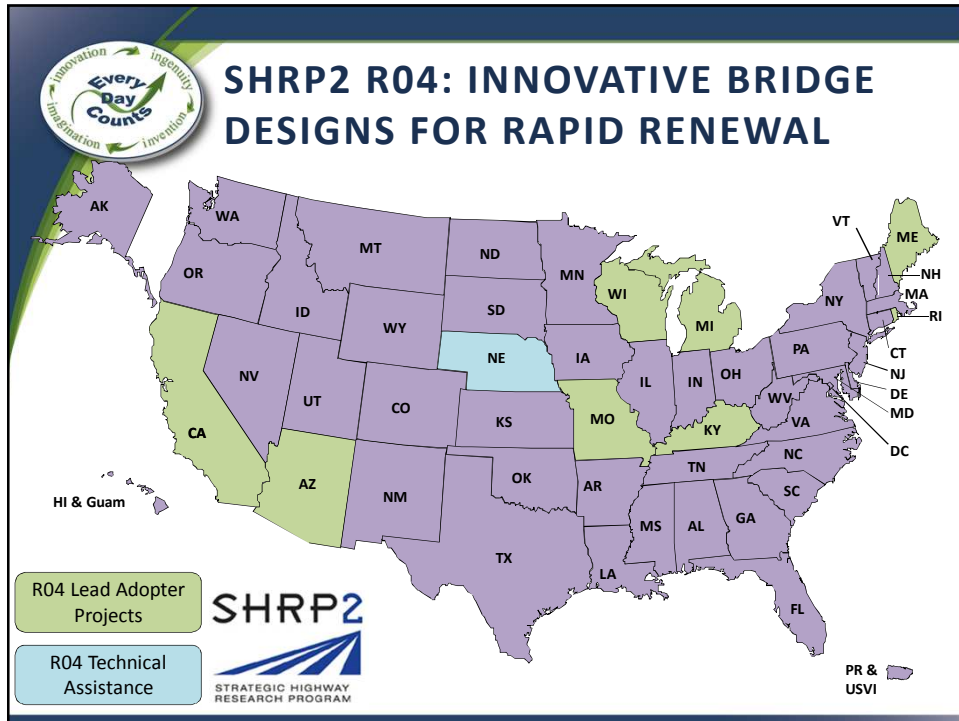
TENTATIVE DATE: September 24th

Oklahoma:

SH-51 Over Cottonwood Creek

TENTATIVE DATE: Late October/Early November







FY 2014 ABC RELATED NCHRP PROJECTS

- Guidelines for Tolerances for Prefabricated Bridge Elements and Systems
- Guidelines for Calculating Dynamic Effects in Large-Scale Bridge Moves
- Development of an Accelerated Bridge Construction Design and Construction Guide Specification



TRANSPORTATION RESEARCH BOARD ABC RELATED ACTIVITIES

- **TRB Committee AFF10(3)** – Accelerated Bridge Construction
- **TRB Workshop:** Prefabricated Bridge Elements and Systems for Accelerated Bridge Construction
 - Sunday, January 12, 2014: 1:30 – 5:00 PM



GET INVOLVED

Contact FHWA

- Share your Expertise
- Prepare Case Study
- Host a Workshop
- Participate in Training and Webinars



MORE INFORMATION

FHWA EDC Website

- www.fhwa.dot.gov/everydaycounts/edctwo/2012/abc.cfm

Slide In Bridge Construction

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